12/19

Job No.	J9P3812
Replaces Bridge No.	J0883

Missouri Department of Transportation Bridge Survey Location Request

Page 1 to be completed by District staff.

Bridge over:	Dillard (Creek			Route:	34	
County: Cape Girardeau	Section:	18	8 Tow	nship:	31 North	Range:	11 East
Latitude: 37°21'27.05"N	_		Longitud	e:89°5	0'23.02"W	_	
District Contact: Garrett Galyean (573-472-5	221)			Date:	5/3/202	3
	HIGH WATER ELEVATIONS AT PROPOSED BRIDGE SITE Recorded high water elevations or elevation of high water marks						
Extren	ne High W	ater (EF	HW) (Give date	(s) of occ			
Elevations and date(s) of same		Loca	ation		Source of information		
4.2" Below (2002)	Below E	Below East End of Bridge Deck D10 HW Book 2002			02		
Existing Bridge Overtopped ☐ Yes ☐ No ☑ Unknown					⊠Unknown		
			Approx. Ove	ertoppii	ng Location(s):	
	LOCA	TION O	F NEW BRID	OGE			
Replace in Existing Location		Provide details of any proposed changes to profile grade below or as an attachment.				de below	
Relocation (near existing Structure) 🗆 _{Pi}	Provide details of proposed location and grade of the roadway					
New Route	□ ad	across the floodplain, any proposed/potential channel changes or modifications, etc. below or as an attachment.					
Other:	or						

Additional Information:

page 2 & subsequent pages to be completed by Bridge Division

Note:	Proposed elevations, distances, etc. are based on the best available data at the time the form was completed. Actual
	field conditions or recently acquired data may require deviation from the proposed values. Please contact the Bridge
	Division with concerns regarding the proposed values or if large deviations from these values are required.
Note:	The information below supplements the survey requirements noted in the EPG, please consult EPG 238 for additional
	surveying requirements.

Bridge Contact: Landon Bodenschatz, 573-639-1480, Landon.Bodenschatz@modot.mo.gov

Survey Type: 1D Survey		
Survey Type: 10 Survey		

Stream Crossing Survey Location Details (1D)								
	Item	Requirement	ent Standard Guidance			Specific Guidance		
3)	C/L Profile	Terminal Point	Limit of Lor	nge	st offset Profile	Use Standar	d Guidanc	е
7.	Upstream Offset	Terminal Point	Same as V	'alle	ey Sections	Elevation =		440
iles	Profile	Offset Distance	On Natural	Gr	ound	Estimated Di	stance =	40
Profiles* 238.3.36	Downstream	Terminal Point	Same as V	'alle	ey Sections	Elevation =		440
FPG (EPG	Offset Profile	Offset Distance	On Natural	Gr	ound	Estimated Di	stance =	40
Ш)	Special	N/A						
		Length	Crossing.)		Stream Gu	tream Guidance		
Stream	bed Profiles**		Drainage Ditch		500' Each Side of Crossing			
	38.3.36.3.6)		Within 1000' of Crossing				- Use Natural Stream Guidance	
					Drain. Ditch 50'	uidance		
Elevation Interval		Elevation Intervals	Beyond 1000' from Crossing		At Vertical and Horizontal Break Points (200' max.)	(see EPG 238.3 slope change is	.36.3.6 if a si	gnificant
Valley	Sections		Natural 5' above E		above EHW	Elevation =	440	
-		Terminal Point	Drainage Ditch	Ва	5' Beyond ankside Toe of evee	Distance =	N/A	

Item	Requirement	Standard Guidance		Requirement Standard Guidance		Specific Guidance
	Water Surface Profile Data Needed? ☐ Yes ☑ No					
Water Surface Profile (EPG 238.3.36.3.7)	Locations with flowing water	Drainage Ditch	100' and 200' each side of Crossing	Use Water Surface Profile Standard Guidance		

Item	Requirement Standard Guidance		Specific Guidance
Typical Channel	Typical Channel Se	ection Data Needed? 🗌 Yes	⊠ No
Sections (EPG 238.3.36.3.9)	Within 300' each side of Centerline	Provide when Needed (i.e., Culvert on Perennial and	

Pag	е	3

Requirement	Standard Guidance	Specifi	ic Guidance
E	xisting Bridge Data Needed?	Yes	⊠ No
		Requirement Standard Guidance Existing Bridge Data Needed?	

Provide General Description

N/A

Intermittent Stream)

Item	Requirement	Standard Guidance	Specific Gu	idance
		Other Bridge Data Needed?	Yes 🛛 No)
Other Bridges	Description	Provide General Description N/A		
(EPG 238.3.36.3.10)	Profile Location	C/L Structure	N/A	
	Profile Terminal Point	5' above EHW	Elevation =	N/A

^{*} additional profiles may be needed for relocated routes

Description

Additional Information:

Additional Documents Provided:

Image & kmz files showing Valley Section Locations.

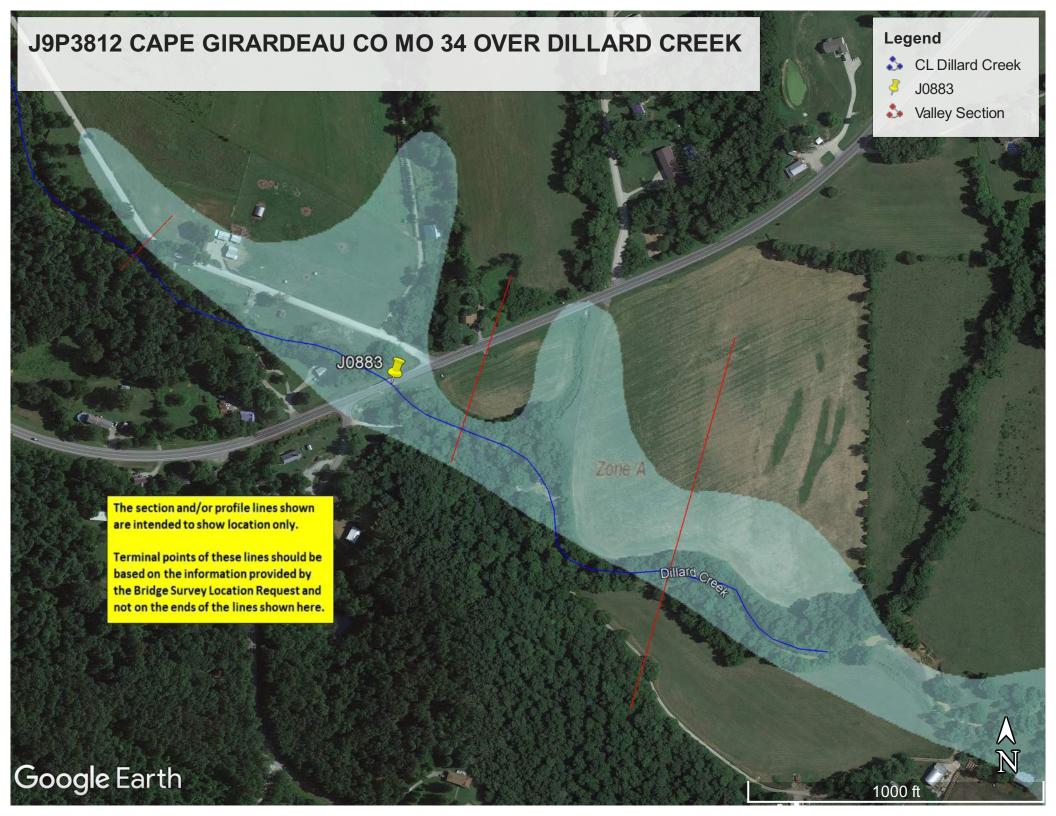
Roadway Design Notes for Bridge Survey:

The Bridge Survey should include all the pertinent items listed in EPG 747 and the Bridge Survey Checklist.

Bridge Design Notes:

According to the TMS flood report, Bridge J0883 was overtopped in 2008. FEMA Zone A

^{**} at confluent streams provide proposed data for both streams as appropriate.

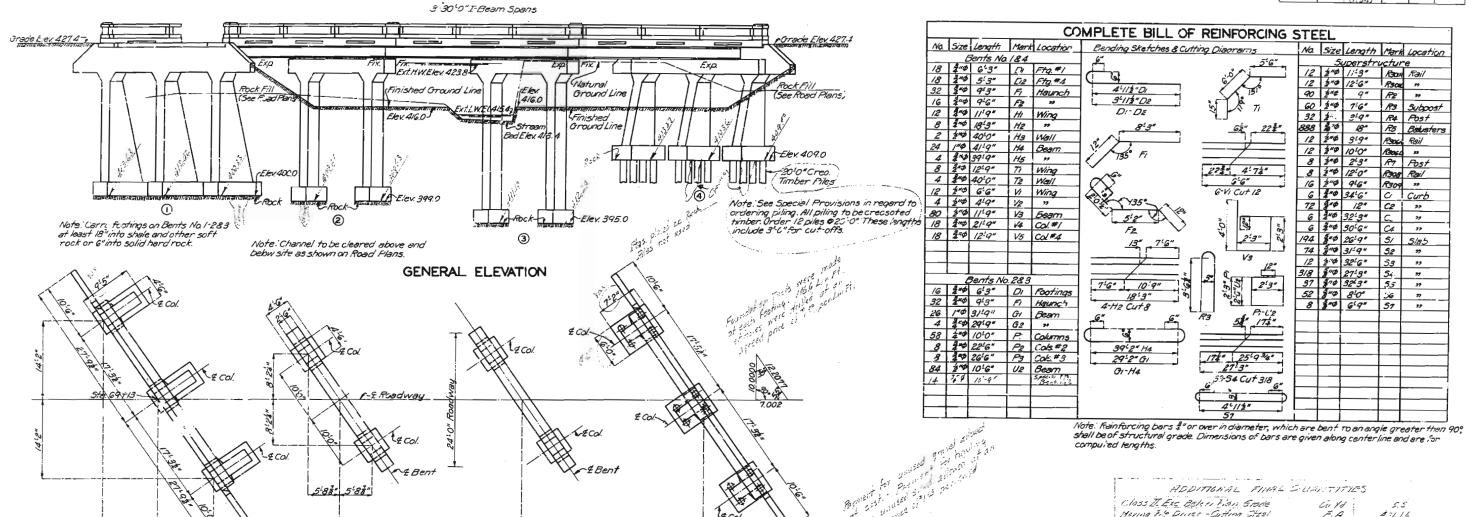


MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD STATZ FED. AID FISCAL SHEET TOTAL DIST. NO. PROJ. NO. YEAR NO. SHEET'S

5 MG. 19

319" R4 Fost



QUAN

61.0

205.5

10.0

112.4

37,560

31,570

PLAN

. 2	See wher table for addition				Γ
	Item	Superstr.	Substr.	Total	
	Excavation Class I Cu. Yds.		55	55	
i Proposed Bridge	Excavation Class II Cu. Yds.		4.20	420	
* * * * * * Roadway	Concrete 1:2:3 mix Cless "A" Cu. Yds.	10.0		10.0	Γ
9.69+13-	Concrete 1:2:32 mix Class "X" Cu.Yds.	68.9		68.9	Γ
	Concrete 1:2:4 mix Class "8" Cu. Yds.		136.1	136.1	Г
ent Structures , T	Fabricated 5tructural Steel Lbs.	37900		37900	
ent Structures 2 0	Reinforcing steel Lbs.	20920	10650	31570	
Road (Plans)	Creo. Timber Piles Lin. Ft.		252	252	Г
,	Creo Timber Pile Cut ofts Lin. Ft.		36	36	
•	Removal Old Bridge Lumph				

Note: Bridge excavation above Elev. 417.0 will be paid for as Class I Bridge Excavation. Bridge excavation below Elex.4170 will be paid for as Class II Bridge Excavation. Estimated quantities for creo. timber piles include four linear feet per pile as allowance for metal shoes in accordance with specifications.

GENERAL NOTES:

Concrete in handrail to be 1.2.3 mix. Class "A". Concrete in slab and curbs to be 1.2.3 mix. Class "A" All other concrete to be 1.2.4 mix. Class "B"

Exposed edges to be bevaled \$" where no other beval is noted.

Where rubter compound is specified on plans for use in expansion or partition joints, the premoulded joint shall be securely stitched to on; face of concrete with concer wire.

copper wire.

Two nameplalss type "A" as shown on 5td, 5-918 to be furnished and placed in the contractor. Cost of name plates to be included in providing in the ritems. Detail stop drawings for the structural steel shall be submitted to the Missouri State Highway Department in duplicate and shall be approved before steel is fabricated. Rivets \$"4, Holes "\$" except as noted. Field connections riveted unless

Paint: Shop-None; Field: Surfaces inaccessible after erection three coats of red isad. No other paint to be applied by contractor All paint required will be furnished by the Missouri Starte Highway Department.

Bridge excuestion in accordance with Section I of Stardard Specifications issued April 1, 1930, except that quantities paid for will be computed from extreme low water Elev. 415.4 where existing ground line is below this e.evation.
Piles to be driven to full penetration or to rock.

Class LL Exc Bel	er tian Grove	Cu /d :	57.5
Haring File Diret	- Cutting Steel	FA	17.16
Drilling Test A	Veles (APOLIE)	Lin Ft.	116.5
Hauling Unused	Sand (F.F of15)	Cu 1d	21
Unused Filing	toker over	Lin Ft	240
" Piling.	Thises taken sici	Euch	12
" Giorel	,	Eu 16	20
Hearing General	e (Substructures	5. 16	1124
Hond Placed E	ock Fill Ceconiary	50 11	255
			7.32

E.M. Elev. 420.80 - Noil in roct of 24" Walkist /' Rt. 5ta. 68 t 80. BRIDGE OVER DILLARD CREEK

STATE ROAD FROM GRAVEL HILL TO JACKSON ABOUT 13 MILES WEST OF JACKSON PROJECT NO. 5361A (R.34) STA. 69+13

SUBMITIZO B PROPERTY ONTE 1/7/32

THE CULTURE DATE 1/7/32

OUT DOUBLES 7/7/32

STD.C-6501R1 STD.S-918 J-883

Sheet No. 1 of 6

Drawn Sept. 1932 By P.H.S. Traced Sept. 1932 By H.W.H. Checked Sept. 1932 By J.B.

LOCATION SKETCH

F.A.

A ALCE CO.

